Molecular Ecology (1992) 1, 259–260

Author index

Abrams L *see* **Gealt MA**

Achmann R, Heller K-G, Epplen JT. Last-male sperm precedence in the bushcricket *Poecilimon veluchianus* (Orthoptera, Tettigonioidea) demonstrated by DNA fingerprinting, 47

Adang MJ *see* **Yang-jiang Lu**

Baker RJ *see* **Simmons AD**

Balick M *see* **Hadrys H**

Becher SA *see* **Griffiths R**

Bernatchez L, Guyomard R, Bonhomme F. DNA sequence variation of the mitochondrial control region among geographically and morphologically remote European brown trout *Salmo trutta* populations, 161

Bishop CM, Jones G, Lazarus CM, Racey PA. Discriminate suckling in pipistrelle bats is supported by DNA fingerprinting, 255

Bonhomme F *see* **Bernatchez L**

Bouvet J *see* **Taberlet P**

Breittmayer VA *see* **Gauthier MJ**

Brookfield JFY. DNA fingerprinting in clonal organisms, 21

Burke T *see* **Hanotte O**

Cairns E *see* **Hanotte O**

Campbell RP *see* **Genthner FJ**

Cannon P *see* **Paul JH**

Cornuet J-M *see* **Garnery L**

Cullings KW. Design and testing of plant-specific PCR primer for ecological and evolutionary studies, 233

Double MC *see* **Hanotte O**

Duncan KE *see* **Istock CA**

Epplen JT *see* **Achmann R**

Ferguson N *see* **Istock CA**

Fitzgerald GJ *see* **Rico C**

Frischer ME *see* **Paul JH**

Garnery L, Cornuet J-M, Solignac M. Evolutionary history of the honey bee *Apis mellifera* inferred from mitochrondrial DNA analysis, 145

Gauthier MJ, Labedan B, Breittmayer VA. Influence of DNA supercoiling on the loss of culturability of *Escherichia coli* cells incubated in seawater, 183

Gealt MA, Selvaratnam S, Abrams L, Synenki RM. Survival and detection of an introduced *Escherichia coli* containing the porcine somatotropin gene from a waste treatment microcosm, 209

Genthner FJ, Campbell RP, Pritchard PH. Monitoring the persistence of a genetically engineered *Pseudomonas putida* strain and its recombinant DNA in freshwater, 137

Gordon TR, Okamoto D, Milgroom MG. The structure and interrelationship of fungal populations in native and cultivated soils, 241

Griffiths R, Tiwari B, Becher SA. The identification of sex in the starling *Sturnus vulgaris* using a molecular DNA technique, 191

Guyomard R *see* **Bernatchez L**

Hadrys H, Balick M, Schierwater B. Applications of random amplified polymorphic DNA (RAPD) in molecular ecology, 55

Hanotte O, Cairns E, Robson T, Double MC, Burke T. Cross-species hybridization of a single-locus minisatellite probe in passerine birds, 127

Heller K-G *see* **Achmann R**

Hoelzel AR. Conservation genetics of whales and dolphins, 119

Isenhour DJ *see* **Yang-jiang Lu**

Istock CA, Duncan KE, Ferguson N, Zhou X. Sexuality in a natural population of bacteria — *Bacillus subtilis* challenges the clonal paradigm, 95

Jones G *see* **Bishop CM**

Kaemmer D *see* **Nybom H**

Kahl G *see* **Nybom H**

King RJ *see* **Short KA**

Klinkicht M, Tautz D. Detection of simple sequence length polymorphisms by silver staining, 133

Kochert GD *see* **Yang-jiang Lu**

Konkle BR, Philipp DP. Asymmetric hybridization between two species of sunfishes (*Lepomis*: Centrarchidae), 215

Kuhnlein U *see* **Rico C**

Labedan B *see* **Gauthier MJ**

Lazarus CM *see*-**Bishop CM**

Lewis PO, Snow AA. Deterministic paternity exclusion using RAPD markers, 155

Longmire JL *see* **Simmons AD**

Meyer A *see* **Taberlet P**

Milgroom MG *see* **Gordon TR**

Moiroud A *see* **Nick G**

Nick G, Paget E, Simonet P, Moiroud A, Normand P. The nodular endophytes of *Coriaria* spp. form a distinct lineage within the genus *Frankia*, 175

Normand P *see* **Nick G**

Nybom H, Ramser J, Kaemmer D, Kahl G, Weising K. Oligonucleotide DNA fingerprinting detects a multiallelic locus in box elder (*Acer negundo*), 65

Okamoto D *see* **Gordon TR**

Olsen RH *see* **Short KA**

Orrego C *see* **Tan DA-M**

Paget E *see* **Nick G**

Parker Rabenold P *see* **Piper WH**

Paul JH, Thurmond JM, Frischer ME, Cannon P. Intergeneric natural plasmid transformation between *E. coli* and a marine *Vibrio* species, 37

Philipp DP *see* Konkle BR

Piper WH, Parker Rabenold P. Use of fragment-sharing estimates from DNA fingerprinting to determine relatedness in a tropical wren, 69

Pritchard PH *see* Genthner FJ

Puhler A *see* Selbitschka W

Queller DC *see* Reeve HK

Quinn TW. The genetic legacy of Mother Goose — phylogeographic patterns of lesser snow goose, 105

Racey PA *see* Bishop CM

Ramser J *see* Nybom H

Rassmann K, Tautz D. Single-strand PCR-labelling of minisatellite fingerprint probes, 135

Reeder TW *see* Simmons AD

Reeve HK, Westneat DF, Queller DC. Estimating average within-group relatedness from DNA fingerprints, 223

Rico C, Kuhnlein U, Fitzgerald GJ. Male reproductive tactics in the threespine stickleback — an evaluation by DNA fingerprinting, 79

Robson T *see* Hanotte O

Schierwater B *see* Hadrys H

Seidler RJ *see* Short KA

Selbitschka W, Puhler A, Simon R. The construction of *rec*A-deficient *Rhizobium meliloti* and *R. leguminosarum* strains marked with *gus*A or *luc* cassettes for use in risk-assessment studies, 9

Selvaratnam S *see* Gealt MA

Short KA, King RJ, Seidler RJ, Olsen RH. Biodegradation of phenoxyacetic acid toxicity in soil by *Pseudomonas putida* PP0301 (pR0103), a constitutive degrader of 2,4-dichlorophenoxyacetate, 89

Simmons AD, Longmire JL, Reeder TW, Wichman HA, Baker RJ. Restriction fragment length polymorphisms in satellite DNA distinguish chromosomal races of the white-footed mouse *Peromyscus leucopus*, 251

Simon R *see* Selbitschka W

Simonet P *see* Nick G

Snow AA *see* Lewis PO

Solignac M *see* Garnery L

Synenki RM *see* Gealt MA

Taberlet P, Meyer A, Bouvet J. Unusual mitochondrial DNA polymorphism in two local populations of blue tit *Parus caeruleus*, 27

Tan DA-M, Orrego C. DNA stabilization and amplification from museum collections of extracts originally intended for allozyme analysis, 195

Tautz D *see* Klinkicht M

Tautz D *see* Rassmann K

Thurmond JM *see* Paul JH

Tiwari B *see* Griffiths R

Watt EM, Watt WM. DNA finger prints from minimal blood volumes, 131

Watt WM *see* Watt EM

Weising K *see* Nybom H

Westneat DF *see* Reeve HK

Wichman HA *see* Simmons AD

Williamson M. Environmental risks from the release of genetically modified organisms (GMOs) — the need for molecular ecology, 3

Yang-jiang Lu, Adang MJ, Isenhour DJ, Kochert GD. RFLP analysis of genetic variation in North American populations of the fall armyworm moth *Spodoptera frugiperda* (Lepidoptera: Noctuidae), 199

Zhou X *see* Istock CA

Keyword index

2,4-D, 89
28S rRNA gene, 233
Acer negundo, 65
Agelaius phoeniceus, 223
allozymes, 215
Bacillus subtilis, 95
bacteria, 95
bacterial attachment, 137
bacterial survival, 137
band-sharing, 69
bats, 255
biodegradation, 89
biological control, 3
bird, 127
bushcricket, 47
Campylorhynchus nuchalis, 69
cell-contact-dependent transfer, 37
cetaceans, 119
clones, 21
conservation, 119
control region, 161
Coriaria, 175
cytochrome *b* gene, 27
detection, 137
diversity, 241
DNA fingerprinting, 21, 55, 79, 127, 223
DNA gyrase, 183
DNA polymorphisms, 251
DNA probes, 55
DNA sequence, 105
DNA sequencing, 233
DNA stabilization, 195
DNA supercoiling, 183
DNA zipcodes, 251
egg-stealing, 79
Ericaceae, 233
Escherichia coli, 183, 209
evolution, 3, 95
evolutionary history, 27
exclusion probability, 155
fall armyworm, 199
fingerprinting, 255
Frankia, 175
Fusarium oxysporum, 241
$(GATA)_4$ probe, 65
GEM, 89, 209
genetic diversity, 145
genetic exchange, 95
genetic variation, 199
genetically engineered micro-organism (GEM), 89, 209
β-glucuronidase, 9
honey bee, 145
hybridization, 175, 215
integration vector, 9
inter-observer reliability, 69
intraspecific phylogeny, 27
invasion, 3
kinship, 223
kinship analysis, 55
length polymorphisms, 145
Lepidoptera, 199
Lepomis, 215
luciferase, 9
mammalian blood, 131
maternity, 255
mating systems, 155
microsatellites, 133
mineral oil, 195
minisatellite, 127, 255
minisatellites, 135
mitochondrial DNA, 27, 145, 161, 241
molecular cloning, 251
molecular genetics, 11-9
molecular markers, 155, 199
mtDNA, 105, 215
multilocus fingerprinting, 69
multilocus genomic DNA fingerprinting, 131
museum, 195
mycorrhizae, 233
natural plasmid transformation, 37
natural population, 95
Noctuidae, 199
oligonucleotide DNA fingerprinting, 47
PAA, 89
parsimony, 241
Parus caeruleus, 27
Passer domesticus, 127
Passeriformes, 127
Passerina cyanea, 223
paternal investment, 47
paternity analysis, 155
paternity determination, 55
pcI857, 209
PCR, 135, 175, 191, 195
Peromyscus leucopus, 251
phylogeography, 145, 161
pIC101, 209
pipistrelle, 255
plasmid, 137
Pleistocene, 105
polymerase chain reaction, 27, 105, 161
population genetics, 21, 105, 251
population structure, 95
porcine somatotropin, 209
pseudomonad, 89
Pseudomonas putida, 137
Random Amplified Polymorphic DNA, 155
RAPD, 55, 155
*rec*A, 9
recombinant organisms, 137
relatedness, 69, 223
RFLP, 199, 233
Rhizobium leguminosarum biovar. *viciae*, 9
Rhizobium meliloti, 9
ribosomal RNA, 175
Salmo trutta, 161
satellite DNA, 251
seawater, 183
sex-specific, 191
silver staining, 133
simple sequence length polymorphisms, 133
single-stranded probes, 135
sneaking, 79
snow goose, 105
sociality, 223
soil, 89
specificity 3
sperm competition, 47
sperm precedence, 47
spermatophore, 47
Spodoptera frugiperda, 199
starling, 191
statistics, 21
stock identity, 119
Sturnus vulgaris, 191
sunfish, 215
survival, 183
SvW-1, 191
taxonomic identifications, 55
threespine stickleback, 79
tissue, 255
Vibrio, 37
W-chromosome, 191
waste treatment, 209
weed, 3